



Weapon System Impact Tool

DoD Standardization Conference
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Sun, Mar 2, 2008 ASSIST database last updated: Feb 29, 2008 What's New? (updated Jan 14, 2008)

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 Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.
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 Internet



Coherent View

- Advanced software for mining and reasoning about jargon-rich unstructured text
 - Artificial intelligence and parsing techniques to structure legacy data
- Contains data from
 - Federal Logistics Information System (FLIS)
 - Standard Automated Material Management System (SAMMS)
 - Business System Modernization (BSM)
 - And others...
- WSIT automatically structures and combines information from these rich data sources into a coordinated picture of relationships between specifications and weapon systems.



Weapon System Impact Tool

Query By: NSN | Specification | WSDC | Specification & WSDC

[WHAT'S NEW](#)

Enter a National Stock Number or Specification Document Number or Weapon System Designator Code

(Sample Inputs: 02F (WSDC) or MIL-STD-130L (Specification) or 5340000000057 (National Stock Number))

 Lookup: National Stock Number, Specification Document, Weapon System Designator Code [Help us make WSIT better, click here.](#)

Query History

Today

[None]

Yesterday

[None]

Older

[None]

Advanced search types:

Query by National Stock Number (NSN)

Query by NSN allows the user to view all weapon systems the NSN is used in along with the specification documents that govern the use. The results returned by the query include the specification document number, the weapon system designator code and descriptions for each.

Query by Specification Document Number

This query allows the user to view all the weapon systems affected by a specification. The results returned by the query include the specification document number, a description of the specification, along with the designator code and description for the weapon system. The results returned by the query include the WSDC, a description of the weapon system, and the number of NSNs in the weapon system affected by the specification.

Query by Weapon System Designator Code (WSDC)

Query by WSDC allows the user to view all specifications which govern the parts in the weapon system. The results returned by the query include the specification document number, a description of the specification, and the number of NSNs in the weapon system governed by the specification.

Query by Specification Document Number & Weapon System Designator Code (WSDC)

This query allows the user to view all the NSNs affected by a document in a weapon system. The results returned by the query include the NSN, information about where the relationship. The user also has the opportunity to view the underlying raw data.

Follow the [help link](#) for more examples and documentation.



Example #1

Standardization

- If MIL-PRF-55182H were to be changed or cancelled, what is the impact on the F-15?



Address <https://wsit.xsb.com/query/wsdc/results.do> Go Links Miscellaneous Web sites Online shopping

Search Criteria

* Weapon System Designator Code (WSDC) [WSDC Lookup](#)

Click here to add filters

Example #1 - Standardization

If MIL-PRF-55182H were to be changed or cancelled what is overall impact on the F-15?

Answer

MIL-PRF-55182H affects almost 1600 parts on the F-15

#	Specification Number [?]	Description	Count
1	ASQC-Z-1	MIL-STD-129P [doc] MILITARY MARKING FOR SHIPMENT AND STORAGE	1,818
2	MIL-STD-129P [doc]	RESISTORS, FIXED, FILM, NONESTABLISHED RELIABILITY, ESTABLISHED RELIABILITY, AND SPACE LEVEL GENERAL SPECIFICATION FOR	1,596
3	MIL-PRF-55182H [doc]	STEEL, CORROSION AND HEAT RESISTANT, BARS, WIRE, FORGINGS, AND TUBING 15CR - 25.5NI - 1.2MO - 2.1TI - 0.006B - 0.30V CONSUMABLE ELECTRODE MELTED, 1650 DEG. F (899 DEG. C) SOLUTION AND PRECIPITATION HEAT TREATED	1,315



Example #2

Part obsolescence

- If a manufacturer no longer supplies an o-ring that conforms to MIL-P-25732C, how does that affect my ability to support my weapon system?

Search Criteria

* Specification Document Number Spec LookupQuery Filters Specification Document Number[\[?\]](#)Document Description[\[?\]](#)

MIL-P-25732C

PACKING, PREFORMED, PETROLEUM HYDRAULIC FLUID RESISTANT, LIMITED SERVICE AT 275 DEG. F (135 DEG. C)

Document Scope[\[?\]](#)

This specification covers O-ring packings for use with petroleum based hydraulic fluids conforming to MIL-H-5606 and MIL-H-83282 over the temperature range of -65 Deg. to 275 Deg. F (-54 Deg. to 135 Deg. C).

Document Date[\[?\]](#)

2003-08-07 00:00:00

FSC Area[\[?\]](#)

Packing and Gasket Materials (5330)

Preparing Activity[\[?\]](#)

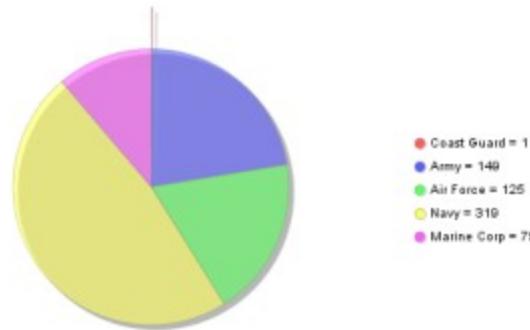
Aeronautical Systems Center (11)

Distribution Code[\[?\]](#)

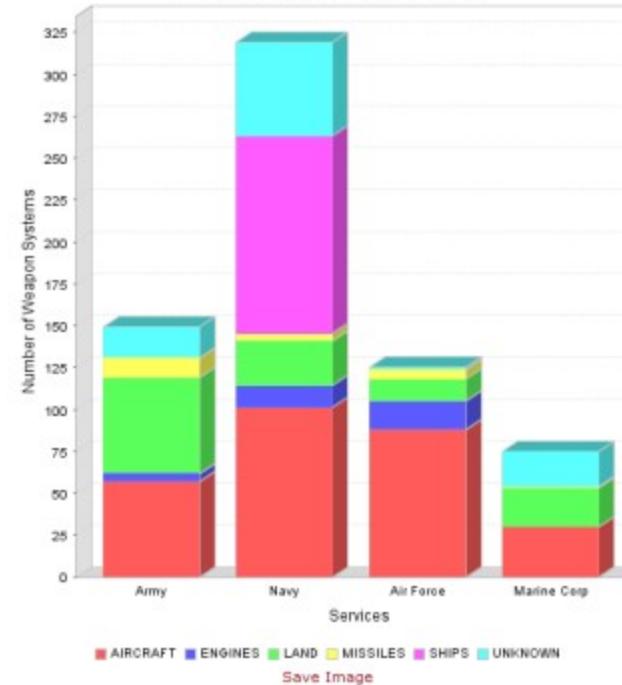
Approved for public release; distribution is unlimited. (A)

NOTE: More information about this document can be found on the ASSIST website MIL-P-25732C [\[doc\]](#)

Weapon Systems Per Service



Weapon Types Per Service



Query by Specification Document Number

Search Criteria

* Specification Document Number [Spec Lookup](#)

Query Filters

[Weapon Systems \(689\)](#) [National Stock Numbers \(904\)](#) [Download Report](#)

Specification Document Number[\[?\]](#) MIL-P-25732C
Document Description[\[?\]](#) PACKING, PREFORMED, PETROLEUM HYDRAULIC FLUID RESISTANT, LIMITED SERVICE AT 275 DEG. F (135 DEG. C)
Document Scope[\[?\]](#) This specification covers O-ring packings for use with petroleum based hydraulic fluids conforming to MIL-H-5606 and MIL-H-83282 over the temperature range of -65 Deg. to 275 Deg. F (-54 Deg. to 135 Deg. C).
[SPEC SHEET](#) [DRAWINGS](#) [TESTS](#) [QUALITY](#) [SUPPLIERS](#)

Example #2 - Part obsolescence

If a manufacturer no longer supplies an o-ring that conforms to MIL-P-25732C, how does that affect my ability to support my weapon system?

Answer

Parts conforming to MIL-P-25732C are used on 689 different weapon systems

- VEHICULAR BRAKE, STEERING, AXLE, WHEEL, AND TRACK COMPONENTS (2530) = 4
- MISCELLANEOUS POWER TRANSMISSION EQUIPMENT (3040) = 3
- POWER AND HAND PUMPS (4320) = 3
- VEHICULAR POWER TRANSMISSION COMPONENTS (2520) = 3

[Save Image](#)

- SEAL, NONMETALLIC ROUND SECTION (36873) = 3
- VALVE, REGULATING, FLUID PRESSURE (27565) = 3
- COUPLING HALF, QUICK DISCONNECT (18081) = 2
- FILTER, FLUID (32622) = 2
- PACKING (77777) = 2

[Save Image](#)



Example #3

Quality/safety

- If, on the F-14, a certain titanium bolt that was tested under MIL-B-87114 fails, what other items on this weapon system were tested using that standard?



Query by Specification and WSDC

Search Criteria

* Specification Document Number

 Spec Lookup

* Weapon System Designator Code (WSDC)

 WSDC Lookup

Query Filters

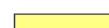
Results 1 - 28 of 28

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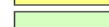
Specifications Document Number : MIL-B-87114 :: BOLTS, RECESS DRIVE, GENERAL SPECIFICATION FOR (S/S BY NAS4002 AND NAS4003) AND Weapon System Designator Code : 10N :: AIRCRAFT, TOMCAT F-14

[Print](#)

#	National Stock Number (NSN) [?]	Item Name (INC) [?]	Relationship {RNCC,RNVC} [?]
1	i 5305-00-099-7659 [Context]	SCREW,MACHINE (06657)	
2	i 5305-00-139-3223 [Context]	SCREW,MACHINE (06657)	
3	i 5305-00-159-5556 [Context]	SCREW,MACHINE (06657)	
4	i 5305-00-262-0356 [Context]	SCREW,MACHINE (06657)	
5	i 5305-00-288-2457 [Context]	SCREW,CLOSE TOLERANCE (29294)	
6	i 5305-00-316-8123 [Context]	SCREW,MACHINE (06657)	
7	i 5305-00-889-2658 [Context]	SCREW,CAP,SOCKET HEAD (16282)	
8	i 5305-00-917-6278 [Context]	SCREW,CLOSE TOLERANCE (29294)	
9	i 5305-01-010-3680 [Context]	SCREW,MACHINE (06657)	
10	i 5305-01-014-8455 [Context]	SCREW,MACHINE (06657)	
11	i 5305-01-043-1860 [Context]	SCREW,MACHINE (06657)	
12	i 5305-01-057-9328 [Context]	SCREW,CLOSE TOLERANCE (29294)	
13	i 5305-01-063-5060 [Context]	SCREW,CLOSE TOLERANCE (29294)	
14	i 5305-01-076-3163 [Context]	SCREW,CAP,SOCKET HEAD (16282)	
15	i 5305-01-112-1755 [Context]	SCREW,CLOSE TOLERANCE (29294)	
16	i 5305-01-160-1963 [Context]	SCREW,MACHINE (06657)	
17	i 5305-01-168-1756 [Context]	SCREW,CLOSE TOLERANCE (29294)	
18	i 5305-01-180-4758 [Context]	SCREW,CLOSE TOLERANCE (29294)	
19	i 5305-01-193-6860 [Context]	SCREW,CLOSE TOLERANCE (29294)	
20	i 5305-01-194-7061 [Context]	SCREW,CLOSE TOLERANCE (29294)	
21	i 5305-01-313-8057 [Context]	SCREW,MACHINE (06657)	
22	i 5305-01-349-5262 [Context]	SCREW,MACHINE (06657)	
23	i 5305-01-360-9161 [Context]	SCREW,CLOSE TOLERANCE (29294)	
24	i 5305-01-360-9163 [Context]	SCREW,CLOSE TOLERANCE (29294)	
25	i 5305-01-365-0863 [Context]	SCREW,MACHINE (06657)	
26	i 5305-01-374-9825 [Context]	SCREW,CLOSE TOLERANCE (29294)	{4,1} A non-definitive R/N developed from a government specification or standard which is not item identifying.
27	i 5305-01-374-9918 [Context]	SCREW,MACHINE (06657)	{4,1} A non-definitive R/N developed from a government specification or standard which is not item identifying.
28	i 5305-01-416-5258 [Context]	SCREW,CLOSE TOLERANCE (29294)	



This is the **controlling specification** for the specified National Stock Number (NSN).



This specification has a **registered relationship** with the specified National Stock Number (NSN).



Source Context

Weapon System Impact Tool

SAVE

National Stock Number (NSN)	5305010103680 SCREW,MACHINE	
Specification Document Number	MIL-B-87114	BOLTS, RECESS DRIVE, GENERAL SPECIFICATION FOR (S/S BY NAS4002 AND NAS4003)
Weapon System Designator Code (WSDC)	10N	AIRCRAFT, TOMCAT F-14

Specification Document Number Context

This specification was found by doing a text scan. The source information was found in [the CTDF Procurement Identification Description](#) [?], and is maintained in [the Contract Technical Data File \(CTDF\)](#) [?] at Defense Industrial Supply Center .

Line Text [?]

SCREW, MACHINE
CRES, PASSIVATED
QUALITY CONFROMANCE SHALL BE I/A/W
MIL-B-87114 EXCEPT AS NOTED ON THE
AIA (NAS) STANDARD

Weapon System Context

This weapon system was found using a lookup query. The source information was found in [the BSM Weapon Systems table](#) [?], and is maintained in [the Business Modernization System \(BSM\)](#) [?].

This weapon system was found using a lookup query. The source information was found in [the CTDF Weapon Systems table](#) [?], and is maintained in [the Contract Technical Data File \(CTDF\)](#) [?] at Defense Industrial Supply Center .

Query by National Stock Number

Search Criteria

* National Stock Number (NSN)

NSN Lookup

Query Filters

[Specifications \(13\)](#)

[Weapon Systems \(9\)](#)

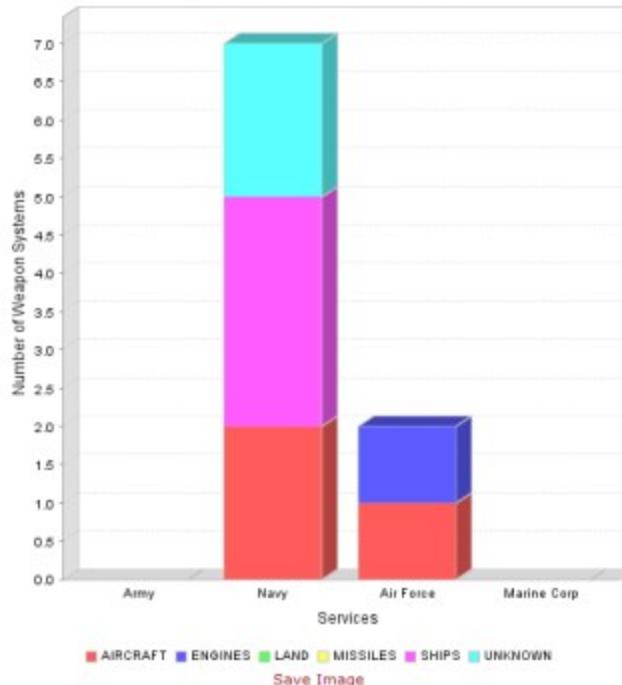
[Specifications & Weapon System \(135\)](#)

[Procurement History \(6\)](#)

[Download Report](#)

National Stock Number (NSN)?	5305-01-010-3680
Item Name	SCREW,MACHINE (06657)
Center?	Defense Industrial Supply Center (I)
Status?	Item is active. File data coded KFD is forwarded. If this KFD data represents your item of supply, submit, if applicable, an LAD, LAU, or LCU transaction. Otherwise, use the National Stock Number (NSN) in your supply system. (D)
Annual Demand Quantity?	550
Annual Demand Frequency?	3
Weapon System Group Code (WSGC)?	Unknown
Weapon System ESSEN Code?	Unknown
Flight Safety Indicator?	Unknown
First Article Testing Indicator?	N
Qualified Product List Code?	

Weapon Types Per Service





Questions?